

# INFORMATION DISCLOSURE CITATION

PTO-1449

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of

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## Complete If Known

Application Number	10/716,839
Filing Date	November 18, 2003
First Named Inventor	Appel
Art Unit	1764
Examiner Name	To be determined
Attorney Docket Number	61136-0014 (formerly 10281-014-999)

## U.S. PATENT DOCUMENTS

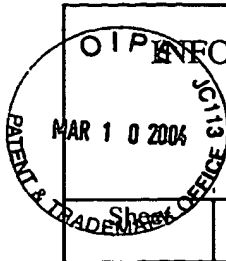
Examiner Initials	Document Number Number - Kind Code <sup>1</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
/RB/	3,733,255	05-15-1973	Appel et al.			
/RB/	4,260,473	04-07-1981	Bauer			
/RB/	4,271,326	06-02-1981	Mego			
/RB/	4,280,817	07-28-1981	Chauhan et al.			
/RB/	4,289,625	09-15-1981	Tarman et al.			
/RB/	4,321,150	03-23-1982	McMullen			
/RB/	4,321,151	03-23-1982	McMullen			
/RB/	4,344,770	08-17-1982	Capener et al.			
/RB/	4,364,745	12-21-1982	Weil			
/RB/	4,515,659	05-07-1985	Wingfield, Jr. et al.			
/RB/	4,552,621	11-12-1985	Lyakhevich et al.			
/RB/	4,618,735	10-21-1986	Bridle et al.			
/RB/	4,636,318	01-13-1987	Baker			
/RB/	4,657,681	04-14-1987	Hughes et al.			
/RB/	4,795,841	01-03-1989	Elliott et al.			
/RB/	4,842,692	06-27-1989	Baker			
/RB/	4,842,728	06-27-1989	Baker			
/RB/	4,871,426	10-03-1989	Lechert et al.			
/RB/	4,891,459	01-02-1990	Knight et al.			
/RB/	4,923,604	05-08-1990	Baker			
/RB/	4,935,038	06-19-1990	Wolf			
/RB/	4,950,309	08-21-1990	Schulz			
/RB/	4,971,703	11-20-1990	Sealock, Jr. et al.			
/RB/	5,269,947	12-14-1993	Baskis			
/RB/	5,360,553	11-01-1994	Baskis			
/RB/	5,852,062	12-22-1998	Carpenter			
/RB/	5,891,926	04-06-1999	Hunt et al.			
/RB/	6,180,845 B1	01-30-2001	Catallo et al.			
/RB/	6,548,560 B1	04-15-2003	Kovalak et al.			

Examiner Signature	/Randy Boyer/	Date Considered	3/27/07
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT DOCUMENTS							
Examiner Initials	Foreign Patent Document Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Class	Subclass	Translation	
						Yes	No
						x	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
/RB/	Lemley, B., "Anything Into Oil", Discover, May 2003, pgs. 51-57.
/RB/	Staedter, T., "Garbage Into Oil", Technology Review, June 2003 ( <a href="http://www.technologyreview.com/articles/print_version/visualize0603.asp">www.technologyreview.com/articles/print_version/visualize0603.asp</a> )

Examiner Signature	/Randy Boyer/	Date Considered	
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